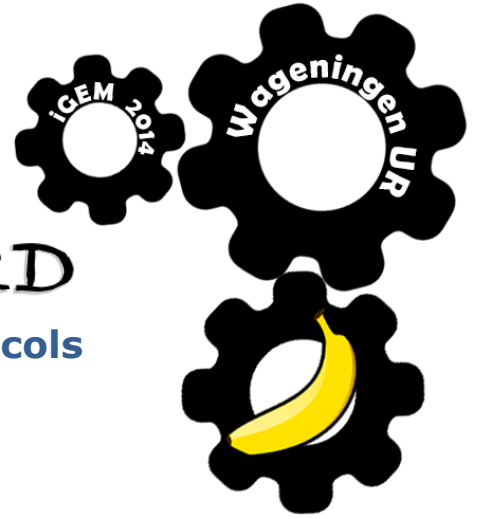


# BANANA

## GUARD

### Protocols



### Fusaric Acid induced promoter growth experiment

Putida Medium: LB medium, 50µg/ml fusaric acid, 50 microliters 3.1mM FeCl<sub>3</sub>

Grow for 18 hours in 50ml tubes:

3x WT putida in 5 ml putida medium

3x J4 putida in 5ml putida medium (with 50µg/ml Kanamycin added)

3x GFP putida in 5ml putida medium (with the appropriate antibiotic added)

2x 5ml putida medium (control)

Wash the cells twice with PBS (also wash the medium, since LB might give some background noise)

Spin the cells down for 10 minutes

Remove supernatant

Add 5 ml PBS

Resuspend the cells

Repeat the previous steps

Measure the fluorescence of all the samples at emission: 395, excitation 501

Measure the OD<sub>600</sub> of all the samples

Subtract the fluorescence and OD<sub>600</sub> value of the control from the values of the cells

Divide the fluorescence values by the OD<sub>600</sub> values

